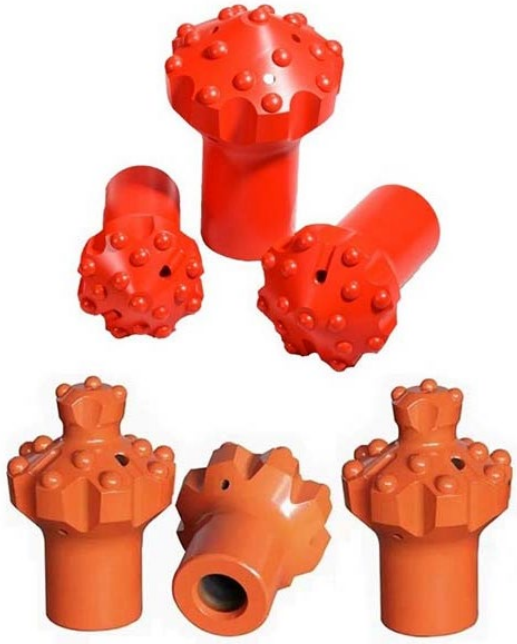
R35 dome piloted reamer bit also known as reaming bit

The pilot section of the pilot reamer bit is inserted into an existing hole to ensure stability, while the reaming section enlarges the hole to the required diameter. It is widely used in applications that require high precision, such as foundation piling, tunneling, and geothermal drilling.

Pilot Reamer Bit Parameters

The parameters of the pilot reamer bit include diameter, length, weight, and the applicable type of drilling rig.



Specifications

1. R35 pilot reamer bit, also named R35 pilot reaming bit, diameter is 89 mm.
2. R35 pilot reamer bit, also named R35 pilot reaming bit, diameter is 102 mm.
3. R35 dome reamer bit, also named R35 dome reaming bit, diameter is 127 mm.

Technical Information of R35 Dome and Pilot Reamer Bit

- Connection thread: R35
- Head material: Tungsten carbide
- Bit body material: High-strength alloy steel
- Slag grooves: Distributed along the bit for chip removal and cooling
- Head design: Spherical buttons
- Diameter: 89 mm, 102 mm, and 127 mm
- Gauge button angle: 35 degree
- Gauge buttons: 12×12 mm and 12×13 mm
- Center buttons: 3×10 mm and 3×13 mm
- Weight: Ranges from 3.2 kg to 4.8 kg
- Head manufacturing process: Hot-melt inlay technology
- Other manufacturing processes: Full carburizing heat treatment, high-frequency treatment, and phosphating process

Reaming bit	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)
Pilot reaming bit 	89	3 1/2	12 x12 mm	3 x 10 mm	35 degree	R35	B100-8915-5505	3.2
Pilot reaming bit 	102	4	12 x 13 mm	3 x 10 mm	35 degree	R35	B100-0215-5505	3.6
Dome reaming bit	127	5	12 x 13 mm	3 x 13 mm	35 degree	R35	B107-2715-5505	4.8

Reaming bit	D (mm)	D (inch)	Buttons Gauge	Buttons Centre	Gauge button angle	Thread	Order number	Weight (kg)